

IN THE CLAIMS

Please amend the claims as appears below. The present listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended) A method for measuring an absolute steering angle Φ of a steering shaft for a vehicle using a first rotatable body that rotates together with the steering shaft of the vehicle at a predetermined rotation ratio, the method comprising ~~the steps of~~:

obtaining a Ψ_M' value by measuring a relative rotational angle Ψ' of the first rotatable body ~~by means of~~ using a first angle sensor ~~whose~~ having a measurement range ~~is of~~ Ω ;

obtaining a present value for a frequency i-value of the first rotatable body by comparing the present Ψ_M' value to a previous Ψ_M' value; and

obtaining a present value for a absolute steering angle Φ_1 of the steering shaft from a present value for an absolute rotational angle Ψ of the first rotatable ~~body~~ ~~by~~ body, using the Ψ_M' value and the present i-value.

2. (Currently Amended) The method according to claim 1, comprising ~~the steps of~~:

obtaining a θ_M' value by measuring a relative rotational angle θ' of ~~the~~ second rotatable body, which is rotating together with ~~at~~ the steering shaft at a predetermined rotation ratio, ~~by means of~~ using a second angle sensor ~~whose~~ having a measurement range ~~is of~~ Ω ;

obtaining a present value for a frequency j-value of the second rotatable body by comparing a present θ_M' value to a previous θ_M' value; and

obtaining a present value for the absolute steering angle Φ_2 of the steering shaft from a present value for an absolute rotational angle θ of the second rotatable ~~body~~
body, using the θ_M' value and the present j-value; and taking a mean value of the Φ_1 and the Φ_2 .